

Classification:

EC15-021

Reference:

ITB17-026

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Date:

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INFINITI; FUEL TANK IS SLOW OR DIFFICULT TO FILL

APPLIED VEHICLES: 2004 I35 (A33)
2008-2012 EX35 (J50)
2013 EX37 (J50)
2014-2016 QX50 (J50)
2003-2008 FX45/FX35 (S50)
2009-2012 FX35 (S51)
2013 FX37 (S51)
2009-2013 FX50 (S51)
2014-2017 QX70 (S51)
2003-2013 G25/G35/G37 (V35), (V36)
2015 Q40 (V36)
2013 JX35 (L50)
2014-2017 QX60 (L50)
2014-2017 Q50 (V37)
2006-2010 M45/M35 (Y50)
2011-2013 M37/M56 (Y51)
2014-2017 Q70 (Y51)
2004-2013 QX56 (JA60), (Z62)
2014-2016 QX80 (Z62)
2014-2015 Q60 Coupe (V36)
2017 Q60 Coupe (V37)

IF YOU CONFIRM

The fuel tank is slow or difficult to fill (filling nozzle shuts off before tank is full).

IMPORTANT: Make sure this incident has been duplicated at a gas station by dealer service staff.

ACTION

Perform the Service Procedure in this bulletin, starting on the next page.

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Infiniti retailer to determine if this applies to your vehicle.

Essential Tools

- Tech-Mate Dual Purpose Diagnostic Leak Detector (part number 697-95-0130-IF).



Figure A

Additional Essential Tools are available from Tech•Mate online: www.infinititechmate.com, or by phone: 1-800-662-2001.

SERVICE PROCEDURE

IMPORTANT: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near the vehicle fuel system.

1. Reduce the amount of fuel in the fuel tank to $\frac{1}{4}$ or less; if not already.
2. Connect the Tech-Mate Dual Purpose Diagnostic Leak Detector (part number 697-95-0130-IF) to the EVAP service port.
 - Follow the instructions included with the Leak Detector to introduce “smoke” into the EVAP system.
3. Connect the CONSULT-III plus (C-III plus) VI to the vehicle and open C-III plus on the CONSULT PC.
4. Select **Diagnosis (One System)** and **ENGINE**, and then **Active Test**.
5. In Active Test, select **VENT CONTROL/V** and close the EVAP Canister Vent Control Valve by selecting **ON**.
6. Remove the fuel cap.
 - Is smoke coming out of the fuel filler tube?
 - **YES:** This bulletin does not apply.

NOTE: Further diagnostic may be required and is not covered under this bulletin. Refer to Electronic Service Manual (ESM) for further information.
 - **NO:** GO to step 7.
7. Is the vent line part of the tank assembly (refer to Figure 1 on the next page)?
 - Refer to the electronic parts catalog (FAST or equivalent) to confirm if the vent line is part of the fuel tank assembly.
 - **YES:** Replace the fuel tank.
 - Refer to the ESM, section, **FL – Fuel System** to replace the fuel tank.
 - **NO:** Replace just the vent line.
 - Refer to the ESM, section, **FL – Fuel System** to replace the vent tube assembly.

Figure 1 below illustrates a basic evaporative emissions system and is for reference only.

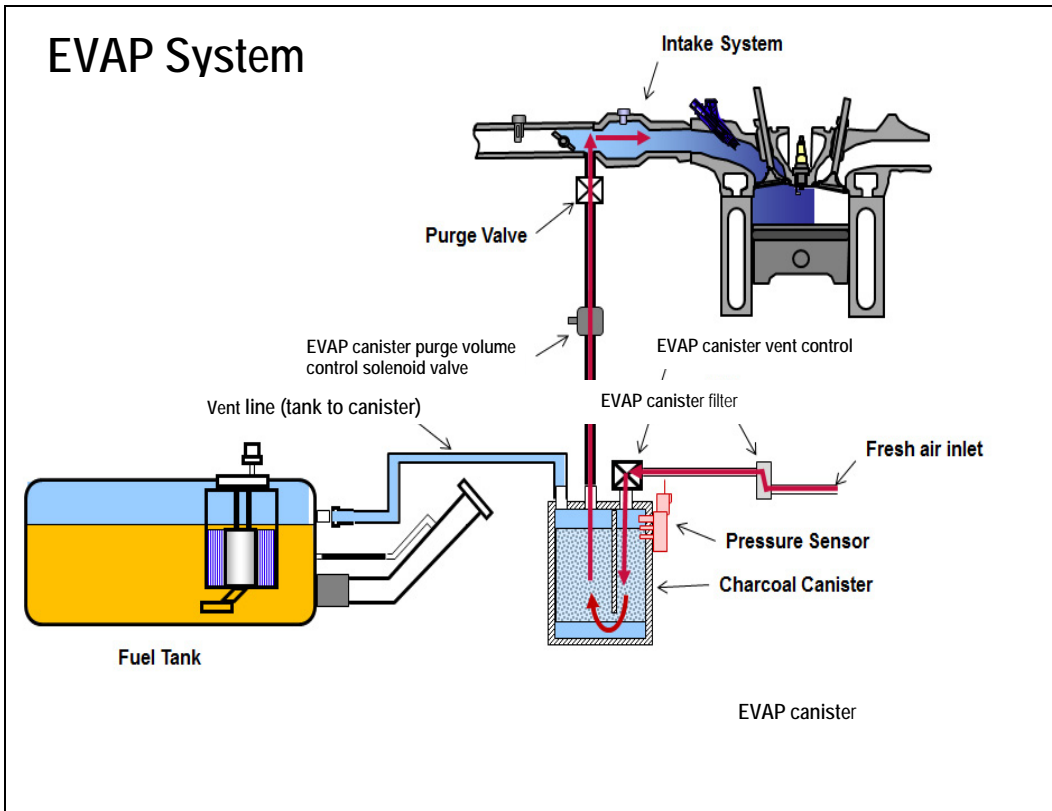


Figure 1

COVERED PARTS

(Parts Covered by this Emission Warranty Coverage Enhancement)

NOTE:

- This parts table is a list of parts that are covered by this emission warranty coverage enhancement. It may list more than one part number for a given Model/Model Year. For this reason it is required that the electronic parts catalog (FAST or equivalent) be used to obtain the specific part number for a given vehicle.
- The parts listed on the following page includes a wide range of evaporative emissions vent tubes and fuel tanks for a large number of vehicles. The usage rate for these parts is expected to be very small. Infiniti recommends that retailers do not stock these parts and order only as necessary to ensure parts are available when needed; especially for older models.

| Model | Description | Part Number | Quantity |
|--|-------------------------|-------------|----------|
| 2004 I35 (A33) | TANK ASSY-FUEL | 17202-2Y910 | 1 |
| | FUEL TANK | 17202-6Y300 | 1 |
| 2008-2016 EX35/EX37/QX50 (J50) | HOSE-VENTILATION | 17226-CE800 | 1 |
| 2013-2017 JX35/QX60 (L50) | TUBE-EVAPOLATION PIPING | 17224-3JA0A | 1 |
| 2014-2016 QX60 HEV (L50) | TUBE-EVAPOLATION PIPING | 17224-3JA0A | 1 |
| 2003-2008 FX35/FX45 (S50) | HOSE-VENTILATION | 17226-CE800 | 1 |
| 2009-2017 FX35/FX37/FX50/QX70 (S51) | HOSE-VENTILATION | 17226-CG700 | 1 |
| | HOSE-VENTILATION | 17226-CE800 | 1 |
| | HOSE VENT | 17226-EG005 | 1 |
| | TUBE-VENTILATION | 17224-EV10A | 1 |
| 2003-2008 G35 Sedan/Coupe (V35), (V36) | HOSE-VENTILATION | 17226-AC305 | 1 |
| | HOSE-VENTILATION | 17226-CE800 | 1 |
| | TUBE-VENTILATION | 17224-1NF0B | 1 |
| 2008-2013 G25/G37/Q40 Sedan (V36) | HOSE VENT | 17226-EG005 | 1 |
| | HOSE-VENTILATION | 17226-EH105 | 1 |
| | HOSE VENT | 17224-1NG0A | 1 |
| 2009-2015 G37/Q60 Convertible (V36) | TUBE-VENTILATION | 17226-CE800 | 1 |
| | TUBE-VENTILATION | 17226-EH105 | 1 |
| | HOSE VENT | 17224-1NG0A | 1 |
| 2014-2015 Q60 Coupe (V36) | HOSE-VENTILATION | 17226-CE800 | 1 |
| | HOSE VENT | 17226-EG005 | 1 |
| | HOSE-VENTILATION | 17226-EH105 | 1 |
| | TUBE-VENTILATION | 17224-4HA0A | 1 |
| 2017 Q60 Coupe (V37) | TUBE-VENTILATION | 17224-4HD0B | 1 |
| | HOSE-VENTILATION | 17226-EH105 | 1 |
| | TUBE-VENTILATION | 17224-4HA0A | 1 |
| 2014-2017 Q50 Sedan (V37) | TUBE-VENTILATION | 17224-4HD0B | 1 |
| | HOSE-VENTILATION | 17226-EH105 | 1 |
| 2006-2010 M35/M45 (Y50) | HOSE-VENTILATION | 17226-EH105 | 1 |
| 2012-2013 M35 Hybrid (Y50) | HOSE-VENTILATION | 17226-EH105 | 1 |
| 2011-2017 M37/M56/Q70 (Y51) | TUBE-VENTILATION | 17224-1MA0A | 1 |
| | HOSE VENT | 17226-EG005 | 1 |
| | HOSE-VENTILATION | 17226-EH105 | 1 |
| 2004-2010 QX56 (JA60) | TUBE VENTILATION | 17226-ZH000 | 1 |
| 2011-2016 QX56/QX80 (Z62) | HOSE VENT | 17226-1LA0A | 1 |

NOTE: The below listed claims information is for the application of emission warranty coverage for this evaporative emission vapor vent tube which has been extended to 15 years or 150,000 miles, whichever occurs first, only in the event that the vent tube is found to be clogged. All claims submitted under this emission warranty coverage enhancement will be subject to parts return for verification of the clogged vent tube as the root cause. If the vent tube is not clogged, further diagnostic may be required that is not covered under this bulletin or this enhanced emission warranty coverage.

CLAIMS INFORMATION

| DESCRIPTION | PFP | OP CODE | SYM | DIA | FRT |
|---------------------------------|-----|---------|-----|-----|-----|
| Inspect EVAP System | (1) | FX55AA | ZE | 22 | 0.4 |
| Install Vent Hose/Line Assembly | | FB32AA | | | (2) |

- (1) Reference the electronic parts catalog (FAST or equivalent) and use the part number of the replaced part as the PFP. Only parts listed in the Covered Parts section of this bulletin can be used as the PFP for this emission warranty coverage enhancement.
- (2) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated FRT.

Or

| DESCRIPTION | PFP | OP CODE | SYM | DIA | FRT |
|---------------------|-----|---------|-----|-----|-----|
| Inspect EVAP System | (1) | FX55AA | ZE | 22 | 0.4 |
| Install Fuel Tank | | FB10AA | | | (2) |

- (1) Reference the electronic parts catalog (FAST or equivalent) and use the part number of the replaced part as the PFP. Only parts listed in the Covered Parts section of this bulletin can be used as the PFP for this emission warranty coverage enhancement.
- (2) Reference the current Infiniti Warranty Flat Rate Manual and use the indicated FRT.

